Contents

Aguilar E → Gaytan F 25–31

Akiyama T, Matsumoto J, Hirai S-i: Myosin and actin in melanophore-like variants of goldfish erythrophoroma cells: their intracellular distribution and possible association with pigment translocation 239–246

Alber R → Layer PG 187–198

Alcorn D → Gall JAM 529–534

Alonso G → Siaud P 535–542

Anctil M, De Waele J-P, Miron M-J, Pani AK: Monoamines in the nervous system of the tube-worm *Chaetopterus variopedatus* (Polychaeta): Biochemical detection and serotonin immunoreactivity 81–92

Anderson CR: The ultrastructure and distribution of 5-HT-containing neurons in the intestine of a teleost fish, *Aldrichetta forsteri* 379–387

Andreuccetti P, Taddei C: Ribosomal bodies and annulate lamellae in the oocytes of the lizard *Podarcis sicula* 475–478

Änggård A → Lacroix JS 119–128

Assenmacher I → Siaud P 535–542

Baici A, Lang A: Cathepsin B secretion by rabbit articular chondrocytes: modulation by cycloheximide and glycosaminoglycans 567–573

Balm PHM → Wendelaar Bonga SE 575–585

Bartels H, Potter IC: Communicating (gap) junctions between chloride cells in the gill epithelium of the lamprey, *Geotria australis* 393–395

Bellido C → Gaytan F 25–31

Bernstein AB, Preisig E, Schroeder HE: In-vitro formation of a collagenous matrix upon previously diseased and experimentally treated cemental root surfaces 603–606

Biewenga J → Kuper CF 371–377

Biewenga J → Soesatyo M 587–593

Boisvieux-Ulrich E, Lainé M-C, Sandoz D: Cytochalasin D inhibits basal body migration and ciliary elongation in quail oviduct epithelium 443–454

Braun EJ → Strong TR 511–518

Breidbach O: Metamorphic changes in the central projections of hair sensilla in *Tenebrio molitor* L. (Insecta: Coleoptera) 159–176

Breidbach O: Serotonin-immunoreactive brain interneurons persist during metamorphosis of an insect: a developmental study of the brain of *Tenebrio molitor* L. (Coleoptera) 345–360

Brockes JP → Ferretti P 483–493

Brown JA, Taylor SM, Gray CJ: Glomerular binding of angiotensin II in the rainbow trout, *Salmo gairdneri* 479–482

Bruijntjes JP → Kuper CF 371–377

Budelmann BU → Cooper KM 15–24

Budelmann BU → Hanlon RT 3–14

Burnstock G → James S 129–137

Burnstock G → Lincoln J 341–344

Burnstock G → Mione MC 503–509

Calderón FU → Toyama Y 599–602

Carrera G → Gaytan F 25–31

Carrillo Y → Dail WG 139–146

Cavanagh JFR → Mione MC 503–509

Cetin Y: Immunohistochemistry of opioid peptides in the guinea pig endocrine pancreas 313–319

Coghlan JP → Gall JAM 529–534

Cooper KM, Hanlon RT, Budelmann BU: Physiological color change in squid iridophores. II. Ultrastructural mechanisms in *Lolliguncula brevis* 15–24

Cooper KM → Hanlon RT 3–14

Corio M, Thibault J, Peute J: Topographical relationships between catecholamine-and neuropeptide-containing fibers in the median eminence of the newt, *Triturus alpestris*. An ultrastructural immunocytochemical study 561–566

Dail WG, Carrillo Y, Walton G: Innervation of the anococcygeus muscle of the rat 139–146

Dannhorn DR, Kirchner C: Uptake of tritiated uteroglobin by the endometrium of the rabbit during peri-implantation 519–528

D'Este L → Vallarino M 177–181

De Waele J-P → Anctil M 81–92

Distel H → Stahl B 275–281

Duve H, Thorpe A: Distribution and functional significance of Met-enkephalin-Arg^6-Phe^7- and Met-enkephalin-Arg^6-Gly^7-Leu^8-like peptides in the blowfly *Calliphora vomitoria*. II. Immunocytochemical mapping of neuronal pathways in the retrocerebral complex and thoracic ganglion 147–157

Eberle R → Wadepuhl M 247–254

Edwin N, Leigh CM: Immunocytochemical study of the endocrine pancreas in the grey kangaroo (*Macropus fuliginosus*) 183–185

Fahrenkrug J → Lacroix JS 119–128

Fernley R → Gall JAM 529–534

Ferretti P, Brockes JP: The monoclonal antibody 22/18 recognizes a conformational change in an intermediate filament of the newt, *Notophthalmus viridescens*, during limb regeneration 483–493

Field LH → Matheson T 551–560

Flik G → Wendelaar Bonga SE 575–585

Friess AE → Stoffel M 495–501

Gall JAM, Alcorn D, Fernley R, Coghlan JP, Ryan GB: Qualitative and quantitative analysis of granules in atrial appendage cardiocytes in different physiological states 529–534

Garcia ME → Yulis CR 543–550

Garcia-Martinez V, Sanchez-Quintana D, Hurle JM: Histogenesis of the semilunar valves: an immunohistochemical analysis of tenascin and type-I collagen distribution in developing chick heart valves 299–304

Gaytan F, Bellido C, Carrera G, Aguilar E: Differentiation of mast cells during postnatal development of neonatally estrogen-treated rats 25–31

Gehrke I, Pabst R: The epithelium overlying rabbit bronchus-associated lymphoid tissue does not express the secretory component of immunoglobulin A 397–399

Good MJ, Stommel EW, Stephens RE: Mechanical sensitivity and cell coupling in the ciliated epithelial cells of *Mytilus edulis* gill. An ultrastructural and developmental analysis 51–60

Gooday DJ: Retinal axons in *Xenopus laevis* recognise differences between tectal and diencephalic glial cells in vitro 595–598

Gray CJ → Brown JA 479–482

Griffin LM → Kent KS 209–223

Hagelin M → Sandberg G 361–369

Hameleers DMH → Kuper CF 371–377

Hanlon RT, Cooper KM, Budelmann BU, Pappas TC: Physiological color change in squid iridophores. I. Behavior, morphology and pharmacology in *Lolliguncula brevis* 3–14

Hanlon RT → Cooper KM 15–24

Hansen BL → Hansen GN 265–273

Hansen GN, Hansen BL, Jørgensen PN, Scharrer B: Immunocytochemical localization and immunochemical characterization of an insulin-related peptide in the insect *Leucophaea maderae* 265–273

Hara M, Yoshida M, Tonosaki A: Fine structural and volumetric changes of lamprey photoreceptor cells during light and dark periods 33–41

Hassall CJS → James S 129–137

Hay-Schmidt A: Distribution of catecholamine-containing, serotonin-like and neuropeptide FMRFamide-like immunoreactive neurons and processes in the nervous system of the actinotroch larva of *Phoronis muelleri* (Phoronida) 105–118

Heikkilä P: Effects of endogenous and exogenous cholesterol on the ultrastructure and steroid secretion of undifferentiated rat adrenocortical cells in primary culture 421–427

Hildebrand JG → Homberg U 401–419

Hirai S-i → Akiyama T 239–246

Hirakawa Y → Wasano K 43–49

Hökfelt T → Lacroix JS 119–128

Homberg U, Kingan TG, Hildebrand JG: Distribution of FMRFamide-like immunoreactivity in the brain and suboesophageal ganglion of the sphinx moth *Manduca sexta* and colocalization with SCP_B-, BPP-, and GABA-like immunoreactivity 401–419

Hudson R → Stahl B 275–281
Hurle JM → Garcia-Martinez V 299–304
Ikeda K → Tsuruhara T 199–207
James S, Hassall CJS, Polak JM, Burnstock G: Visualisation of specific binding sites for atrial natriuretic peptide on non-neuronal cells of cultured rat sympathetic ganglia 129–137
Jander R → Rittig M 305–312
Jørgensen PN → Hansen GN 265–273
Kalnins VI → Sandig M 455–461
Kangawa K → Toshimori H 293–298
Kelly DE → Koseki T 255–263
Kent KS, Griffin LM: Sensory organs of the thoracic legs of the moth *Manduca sexta* 209–223
Kingan TG → Homberg U 401–419
Kirchner C → Dannhorn DR 519–528
Koenig JH → Tsuruhara T 199–207
Kohler T → Stoffel M 495–501
Konstantinova MS → Punin MY 389–391
Korolkova ED → Punin MY 389–391
Koseki T, Wood RL, Kelly DE: Structural analysis of potential barriers to bulk-flow exchanges between uvea and sclera in eyes of rabbits 255–263
Kraal G → Soesatyo M 587–593
Kuper CF, Hameleers DMH, Bruijntjes JP, Ven I van der, Biewenga J, Sminia T: Lymphoid and non-lymphoid cells in nasal-associated lymphoid tissue (NALT) in the rat. An immuno- and enzyme-histochemical study 371–377
Lacroix JS, Änggård A, Hökfelt T, O'Hare MMT, Fahrenkrug J, Lundberg JM: Neuropeptide Y: presence in sympathetic and parasympathetic innervation of the nasal mucosa 119–128
Lainé M-C → Boisvieux-Ulrich E 443–454
Lakes R, Pollack GS: The development of the sensory organs of the legs in the blowfly, *Phormia regina* 93–104
Lang A → Baici A 567–573
Laurent P, Perry SF: Effects of cortisol on gill chloride cell morphology and ionic uptake in the freshwater trout, *Salmo gairdneri* 429–442
Layer PG, Alber R, Mansky P, Vollmer G, Willbold E: Regeneration of a chimeric retina from single cells in vitro: cell-lineage-dependent formation of radial cell columns by segregated chick and quail cells 187–198
Leigh CM → Edwin N 183–185
Libelius R → Tågerud S 225–232
Lincoln J, Loesch A, Burnstock G: Localization of vasopressin, serotonin and angiotensin II in endothelial cells of the renal and mesenteric arteries of the rat 341–344
Lincoln J → Mione MC 503–509
Loesch A → Lincoln J 341–344
Lundberg JM → Lacroix JS 119–128
Lütjen-Drecoll E → Rittig M 305–312
Mansky P → Layer PG 187–198
Matheson T, Field LH: Innervation of the metathoracic femoral chordotonal organ of *Locusta migratoria* 551–560
Matocha MF → Yang G 233–238
Matsukura S → Toshimori H 293–298
Matsumoto J → Akiyama T 239–246
Matsuo H → Toshimori H 293–298
Meij JCA van der → Wendelaar Bonga SE 575–585
Meurling P, Rodríguez EM: The paraventricular and posterior recess organs of elasmobranchs: A system of cerebrospinal fluid-contacting neurons containing immunoreactive serotonin and somatostatin 463–473
Milner P → Mione MC 503–509
Minamino N → Toshimori H 293–298
Mione MC, Cavanagh JFR, Lincoln J, Milner P, Burnstock G: Pregnancy reduces noradrenaline but not neuropeptide levels in the uterine artery of the guinea-pig 503–509
Miron M-J → Anctil M 81–92
Mollenhauer J → Rittig M 305–312
Morikami T → Watanabe T 67–72
Nagatsu I → Watanabe T 67–72
Negri L → Vallarino M 177–181
Norgren, RB Jr, Silver R: Distribution of vasoactive intestinal peptide-like and neurophysin-like immunoreactive neurons and acetylcholinesterase staining in the ring dove hypothalamus with emphasis on the question of an avian suprachiasmatic nucleus 331–339
O'Hare MMT → Lacroix JS 119–128
Olivereau J → Olivereau M 73–80
Olivereau M, Olivereau J, Vandesande F: Localization of growth hormone-releasing factor-like immunoreactivity in the hypothalamo-hypophysial system of some teleost species 73–80
Ottonello I → Vallarino M 177–181
Oura C → Toshimori H 293–298
Pabst R → Gehrke I 397–399
Pani AK → Anctil M 81–92
Pappas TC → Hanlon RT 3-14
Perry SF → Laurent P 429–442
Peute J → Corio M 561–566
Polak JM → James S 129–137
Pollack GS → Lakes R 93–104
Potter IC → Bartels H 393–395
Preisig E → Bernstein AB 603–606
Puech R → Siaud P 535–542
Punin MY, Konstantinova MS, Korolkova ED: Monoamine-containing structures in the intestines of bivalve molluscs and a polychaete annelid revealed by fluorescence histochemistry 389–391
Quesada R → Toyama Y 599–602
Rapoport SI → Yang G 233–238
Rauterberg J → Rittig M 305–312
Reimer PR → Strong TR 511–518
Renda T → Vallarino M 177–181
Rittig M, Lütjen-Drecoll E, Rauterberg J, Jander R, Mollenhauer J: Type-VI collagen in the human iris and ciliary body 305–312
Rodríguez EM → Meurling P 463–473
Rodríguez EM → Yulis CR 543–550
Ryan GB → Gall JAM 529–534
Sanchez-Quintana D → Garcia-Martinez V 299–304
Sandberg G, Hagelin M: Lymphatic vessels and Kurloff cells in the thymus of estradiol-treated guinea pigs 361–369
Sandig M, Kalnins VI: Morphological changes in the zonula adhaerens during embryonic development of chick retinal pigment epithelial cells 455–461
Sandoz D → Boisvieux-Ulrich E 443–454
Schäffner K-H → Wadepuhl M 247–254
Scharrer B → Hansen GN 265–273
Schindler JF, Vries U de: Effects of ammonia, chloroquine, and monensin on the vacuolar apparatus of an absorptive epithelium 283–292
Schindler JF, Vries U de: Membrane differentiations of an absorptive epithelium covering embryonic trophotaeniae in a goodeid teleost 321–330
Schroeder HE → Bernstein AB 603–606
Shainberg A → Tågerud S 225–232
Siaud P, Puech R, Assenmacher I, Alonso G: Adrenergic innervation of the dorsal vagal motor nucleus: possible involvement in inhibitory control of gastric acid and pancreatic insulin secretion 535–542
Silver R → Norgren, RB Jr 331–339
Sminia T → Kuper CF 371–377
Sminia T → Soesatyo M 587–593
Soesatyo M, Biewenga J, Kraal G, Sminia T: The localization of macrophage subsets and dendritic cells in the gastrointestinal tract of the mouse with special reference to the presence of high endothelial venules. An immuno- and enzyme-histochemical study 587–593
Stahl B, Distel H, Hudson R: Effects of reversible nare occlusion on the development of the olfactory epithelium in the rabbit nasal septum 275–281
Stephens RE → Good MJ 51–60
Stoffel M, Kohler T, Friess AE, Zimmermann W: Microvasculature of the epididymis in the boar 495–501
Stommel EW → Good MJ 51–60
Strong TR, Reimer PR, Braun EJ: Morphometry of the galliform cecum: a comparison between Gambel's quail and the domestic fowl 511–518
Taddei C → Andreuccetti P 475–478
Taylor SM → Brown JA 479–482
Thibault J → Corio M 561–566
Thorpe A → Duve H 147–157
Tonosaki A → Hara M 33–41
Toshimori H, Toshimori K, Minamino N, Kangawa K, Oura C, Matsukura S, Matsuo H: Chicken atrial natriuretic peptide (chANP) and its secretion 293–298
Toshimori K → Toshimori H 293–298
Toyama Y, Calderón FU, Quesada R: Ultrastructural study of crystalloids in Sertoli cells of the three-toed sloth (*Bradypus tridactylus*) 599–602
Tsuruhara T, Koenig JH, Ikeda K: Synchronized endocytosis studied in the oocyte of a temperature-sensitive mutant of *Drosophila melanogaster* 199–207
Tågerud S, Libelius R, Shainberg A: High endocytotic and lysosomal activities in segments of rat myotubes differentiated in vitro 225–232

Vallarino M, D'Este L, Negri L, Ottonello I, Renda T: Occurrence of bombesin-like immunoreactivity in the brain of the cartilaginous fish, *Scyliorhinus canicula* 177–181
Vandesande F → Olivereau M 73–80
Ven I van der → Kuper CF 371–377
Vollmer G → Layer PG 187–198
Vries U de → Schindler JF 283–292
Vries U de → Schindler JF 321–330
Wadepuhl M, Schäffner K-H, Eberle R: An unusual cell in the central nervous system of *Hirudo medicinalis* L.: a neuron with ribbons and flags 247–254
Walton G → Dail WG 139–146
Wasano K, Hirakawa Y, Yamamoto T: Immunohistochemical localization of 14 kDa β-galactoside-binding lectin in various organs of rat 43–49
Watanabe T, Morikami T, Nagatsu I: Immunohistochemical colocalization of glucagon, serotonin, and aromatic L-amino acid decarboxylase in islet A cells of chicken pancreas 67–72
Wendelaar Bonga SE, Flik G, Balm PHM, Meij JCA van der: The ultrastructure of chloride cells in the gills of the teleost *Oreochromis mossambicus* during exposure to acidified water 575–585
Willbold E → Layer PG 187–198
Wood RL: The septate junction limits mobility of lipophilic markers in plasma membranes of *Hydra vulgaris* (*attenuata*) 61–66
Wood RL → Koseki T 255–263
Yamamoto T → Wasano K 43–49
Yang G, Matocha MF, Rapoport SI: Increased numbers of extra-adrenal chromaffin cells in the abdominal paraganglia of senescent F344 rats: A possible role for the glucocorticoid receptor 233–238
Yoshida M → Hara M 33–41
Yulis CR, Garcia ME, Rodríguez EM: The caudal spinal cord of coho salmon (*Oncorhynchus kisutch*): Immunocytochemical evidence of a "caudal serotoninergic system" 543–550
Zimmermann W → Stoffel M 495–501

Indexed in *Current Contents*